

Converting Colors

XYZ(45.1373, 42.5592, 46.0670)

Have a look what the booklet for
XYZ(45.1373, 42.5592, 46.0670)
contains.

XYZ(45.0956, 42.6078, 45.8917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.0956, 42.6078,
45.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A6AE
RGB	200, 166, 174
RGB Percent	78%, 65%, 68%
CMY	0.2157, 0.3490, 0.3176
CMYK	0.00, 0.17, 0.13, 0.22
HSL	346°, 24%, 72%
HSV	346°, 17%, 78%
XYZ	45.0956, 42.6078, 45.8917
YIQ	177.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

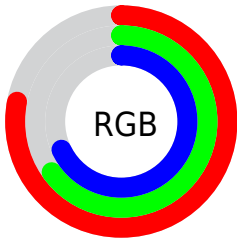
Format	Color
R _Y B	200, 166, 174
Decimal	13149870
CIE Lab	71.29, 13.73, 0.54
CIE LCh	71, 13.743, 2.267
Yxy	42.6078, 0.3376, 0.3189
Android (android.graphics.Color)	4291339950 (0xFFC8A6AE)
YUV	177.0780, -1.5175, 20.1026
Hunter-Lab	65.2747, 9.0877, 4.0081

Details

The XYZ color **45.0956, 42.6078, 45.8917** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8963, 53.2224, 57.7257**, and the grayscale version is **41.8331, 44.0117, 47.9287**.

A 20% lighter version of the original color is **81.2393, 78.6300, 85.0241**, and **21.3842, 19.5508, 21.0590** is the 20% darker color. If you saturate the color by 10%, you get **40.3317, 35.3317, 37.3609**, and if you desaturate by 10%, it is **50.5971, 51.0864, 55.5072**.

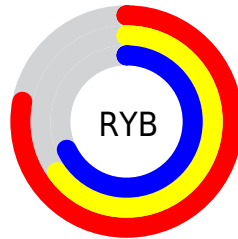
Distribution



Red (78%)

Green (65%)

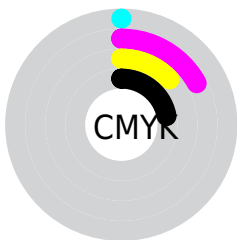
Blue (68%)



Red (78%)

Yellow (65%)

Blue (68%)

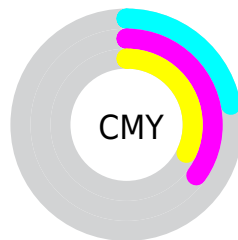


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0956, 42.6078, 45.8917 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 45.0956, 42.6078, 45.8917 by changing the saturation by 10% instead.


 45.0956, 42.6078,
45.8917


 45.0956, 42.6078,
45.8917


357.9378,
356.9964, 386.6380

 31.7343, 29.5775,
31.8123


 82.1000, 79.1187,
85.3895

 21.3132, 19.5181,
20.9546

 106.4739,
103.3681, 111.6449

 13.4669, 12.0453,
12.8999


135.2494,
132.1259, 142.7962

 7.8301, 6.7745,
7.2297

168.7918,
165.7767, 179.2618

 4.0373, 3.3215,
3.5256

207.4664,
204.7047, 221.4602

 1.7232, 1.3018,
1.3689

251.6388,

 0.4708, 0.1426,

249.2944, 269.8100

0.1172

301.6741,
299.9301, 324.7298

■ 0.0000, 0.0000,
0.0000

■ 45.0956, 42.6078,
45.8917

■ 45.0956, 42.6078,
45.8917

■ 40.3317, 35.3317,
37.3609

■ 50.5971, 51.0864,
55.5072

■ 36.2701, 29.1980,
29.8737

■ 56.8625, 60.8126,
66.2412

■ 32.8779, 24.1500,
23.3899

■ 63.9209, 71.8363,
78.1296

■ 30.1181, 20.1239,
17.8660

■ 71.7990, 84.2030,
91.2056

■ 27.9502, 17.0493,
13.2550

■ 76.9103, 90.7317,
104.2971

■ 26.3284, 14.8464,
9.5058

■ 77.6296, 91.0195,
108.0847

■ 25.2001, 13.4229,
6.5619

■ 24.4964, 12.6545,
4.3573

■ 24.3335, 12.4850,
3.8211

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.5538, 42.6078, 52.5620



45.0956, 42.6078, 45.8917



44.3670, 42.6078, 39.9328

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.0956, 42.6078, 45.8917



38.1741, 42.6078, 36.4543



38.4672, 42.6078, 58.5760

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.0956, 42.6078, 45.8917



45.8963, 53.2224, 57.7257

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.8597, 42.6078, 53.5140



45.0956, 42.6078, 45.8917



36.6950, 42.6078, 40.7260

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.0956, 42.6078, 45.8917



40.3221, 42.6078, 34.8166



36.2230, 42.6078, 46.8972



40.6732, 42.6078, 60.2863

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.0956, 42.6078, 45.8917



43.2745, 42.6078, 37.0495



36.2230, 42.6078, 46.8972



37.8418, 42.6078, 57.1877

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.0968, 42.6097, 45.8926



89.5861, 91.5210, 99.5292



45.6748, 42.5859, 60.4566



19.0167, 19.3439, 21.0301



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.0968, 42.6097, 45.8926



75.2270, 69.4034, 74.3942



45.9366, 45.5000, 42.4400



10.7344, 10.6771, 11.5847



15.5014, 7.9501, 2.5841



0.7631, 0.3881, 0.2758

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.0968, 42.6097, 45.8926



75.2270, 69.4034, 74.3942



44.8927, 49.7585, 61.8823



10.7344, 10.6771, 11.5847



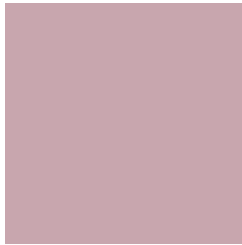
15.5014, 7.9501, 2.5841



0.7631, 0.3881, 0.2758

Previews

White Background



This preview shows how the XYZ color 45.0956, 42.6078, 45.8917 looks on a white background.

Color Contrast Check

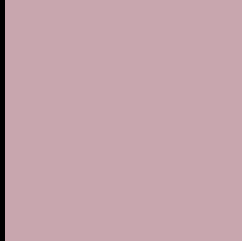
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 45.0956, 42.6078, 45.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0956, 42.6078, 45.8917

Background



This preview shows how black text looks on a background with the XYZ color 45.0956, 42.6078, 45.8917.



This preview shows how white text looks on a background with the XYZ color 45.0956, 42.6078,

45.8917.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.0956, 42.6078, 45.8917

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.4690, 42.5995, 45.4666



Tritanopia

45.5784, 42.5421, 47.9287

Trichromacy



Original Color

45.0956, 42.6078, 45.8917

Protanomaly

42.5063, 42.6144, 47.5801

Deuteranomaly

44.0511, 42.6245, 45.4408

Tritanomaly

45.4783, 42.5021, 47.4017

Monochromacy



Original Color

45.0956, 42.6078, 45.8917

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7876, 43.3360, 47.1838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0956, 42.6078, 45.8917 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 174) }
```

Border

The CSS property to change the border of an element to XYZ 45.0956, 42.6078, 45.8917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 166, 174) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 166, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 166, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0956, 42.6078, 45.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
166, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor